FOREIGN PUBLICATION

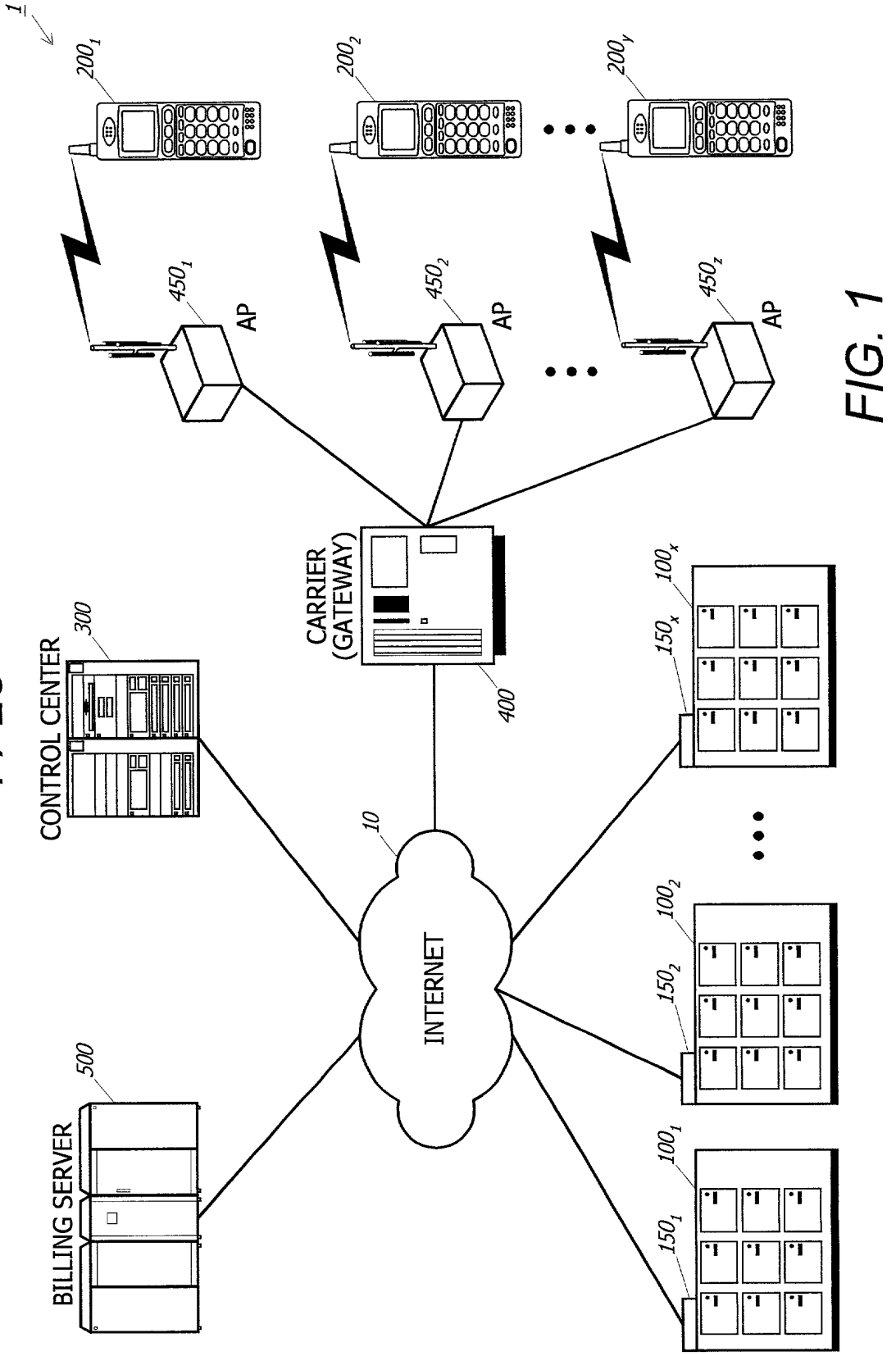


FIG. 1

Q67776 Y. INOMATA

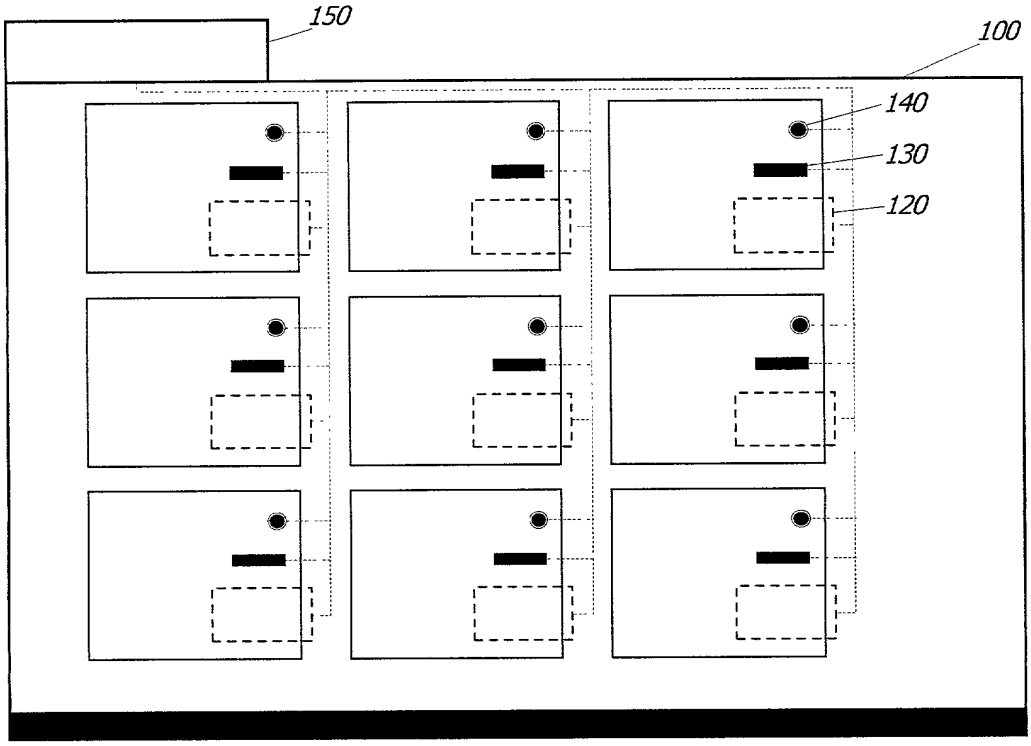


FIG. 2

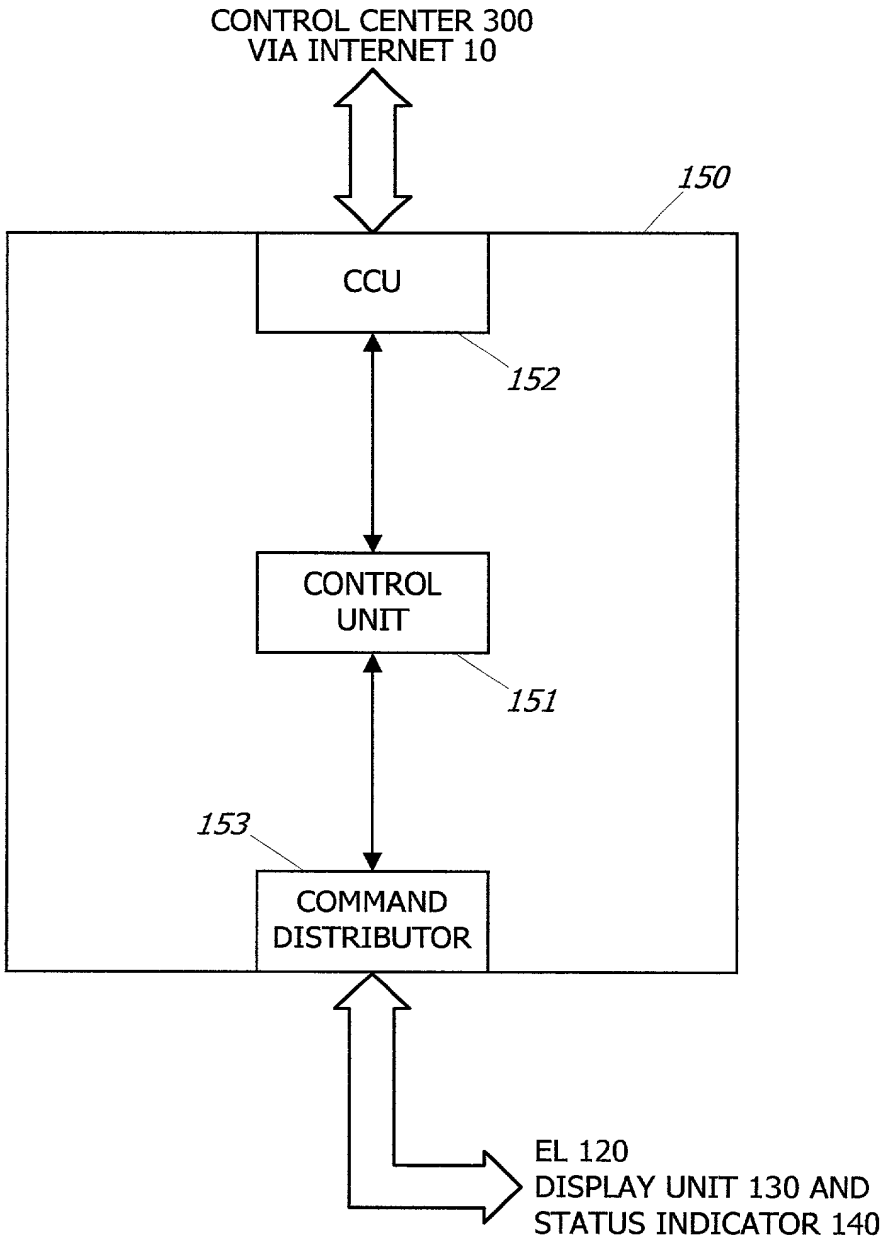


FIG. 3

Sheet 3 of 23

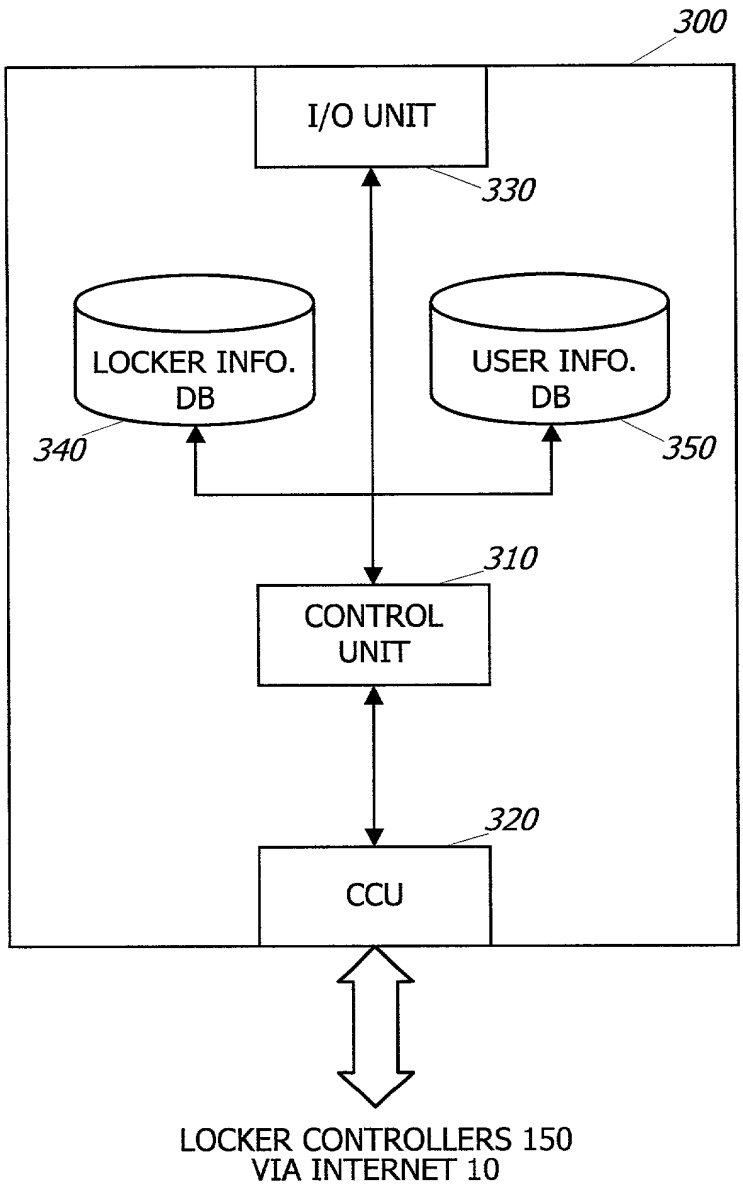

300
I/O UNIT
330
LOCKER INFO. DB
340
USER INFO. DB
350
310
CONTROL UNIT
320
CCU
LOCKER CONTROLLERS 150
VIA INTERNET 10

FIG. 4

LOCKER INFORMATION DATABASE 340

AREA	LOCKER NO.	BOX NO.	FEE/h	STATUS		START TIME	OTP	USER ID	ADDITIONAL INFO.
				RES.	OCCU.				
TOKYO 001	A001	01	$1.99-	YES	NO	---	********	ABC001	map001_a001.gif
		02		---	YES	NOV.26 20:50	********	EFG002	
		⋮	⋮	⋮	⋮	⋮	⋮	⋮	
		24	$2.50-	NO	NO	---	---	---	
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
	Z999	01	$1.85-	---	YES	NOV. 26 14:15	********	XYZ999	map001_z999.gif
		02		NO	NO	---	---	---	
		⋮		⋮	⋮	⋮	⋮	⋮	
		15		NO	NO	---	---	---	
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 5

U.S. Application of Y. INOMATA
Filed: December 21, 2001
"Locker System, Locker Controlling Method,
Control Center, and Recording Medium
Q67776

USER INFORMATION DATABASE 350

USER ID	LOGIN PASSWORD	USER ATTRIBUTE DATA	PAYMENT
ABC001	********	Yoshihiro INOMATA ***, Minato-ku, Tokyo 03-****-1234 ⋮	CREDIT CARD
⋮	⋮	⋮	⋮

FIG. 6

U.S. Application of Y. INOMATA
Filed: December 21, 2001
"Locker System, Locker Controlling Method,
Control Center, and Recording Medium
Q67776

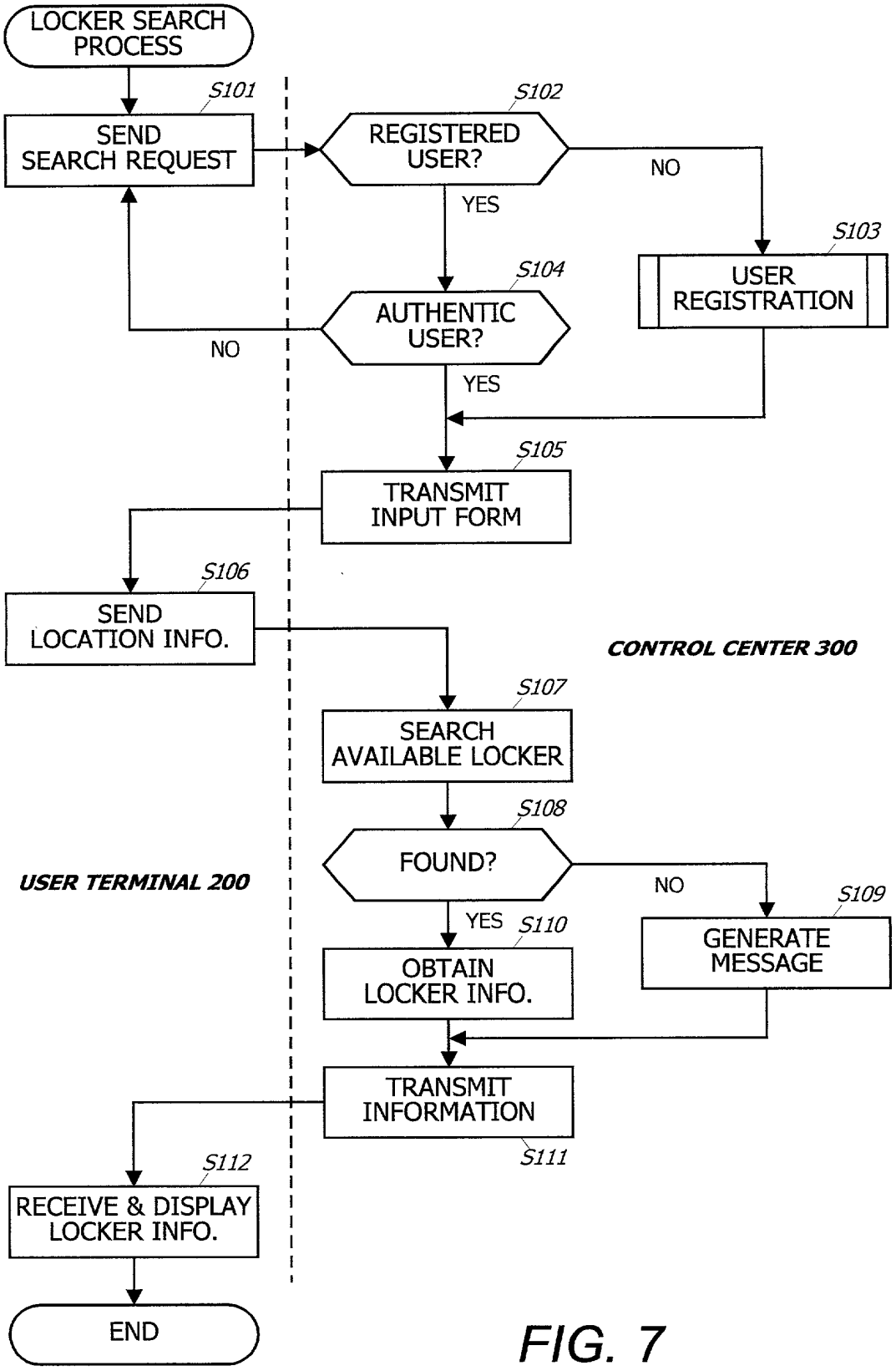


FIG. 7

Y0123456789

FIG. 8A

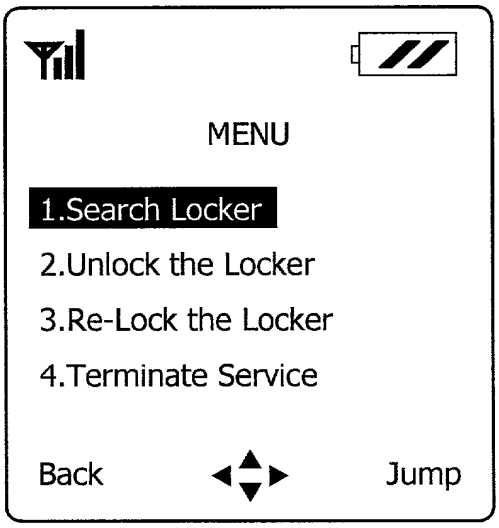


FIG. 8B

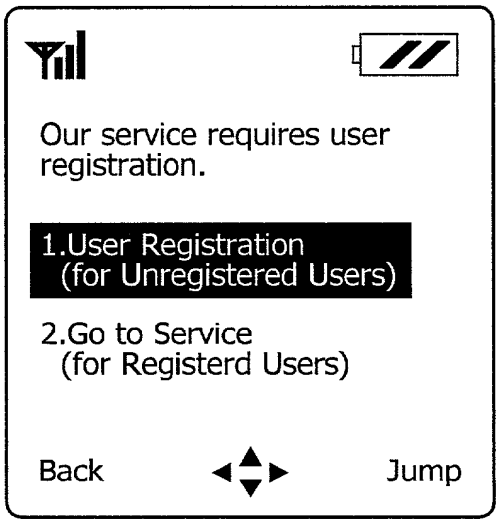
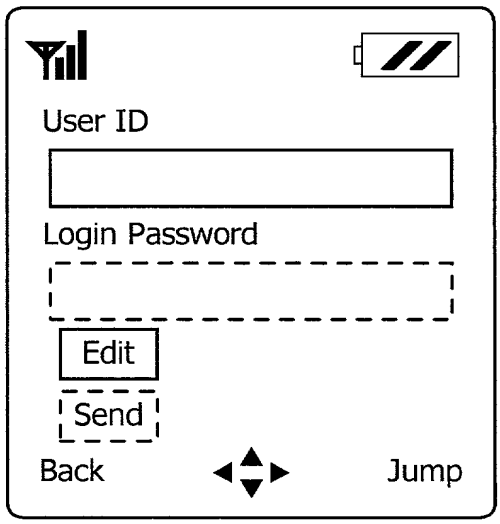


FIG. 8C



Docket #: 67776

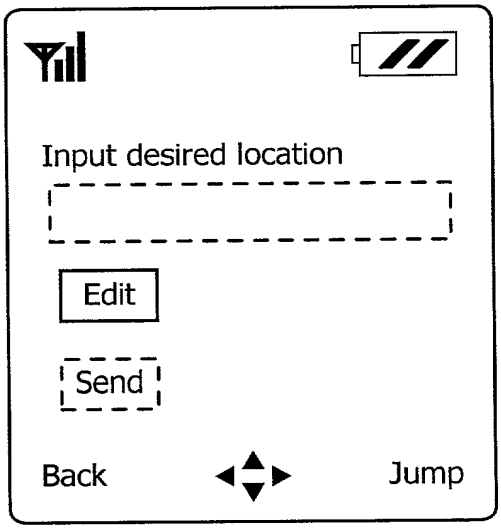


FIG. 9A

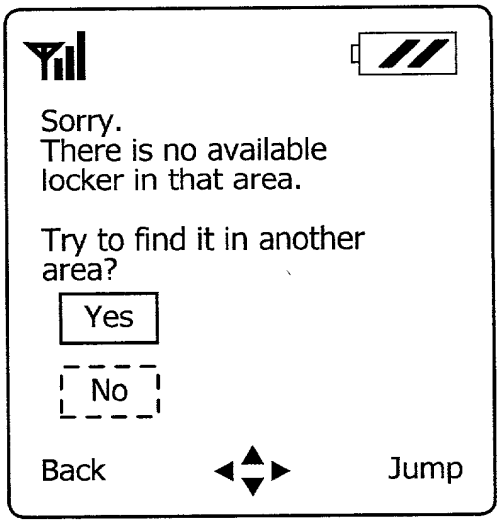


FIG. 9B

JP02003186764A

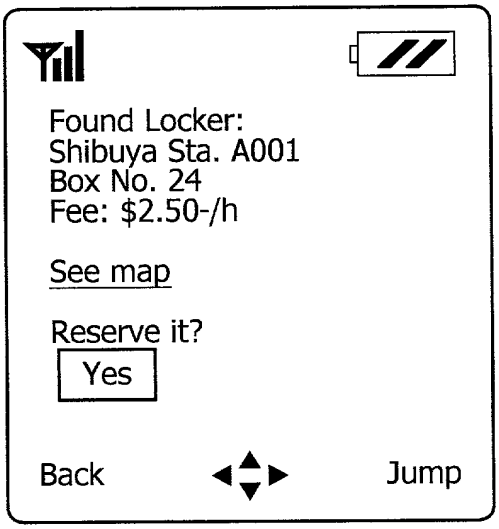


FIG. 10A

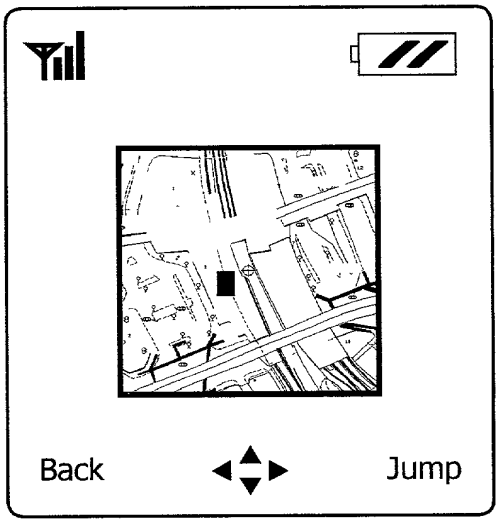


FIG. 10B

Q67776 - 09/023,604

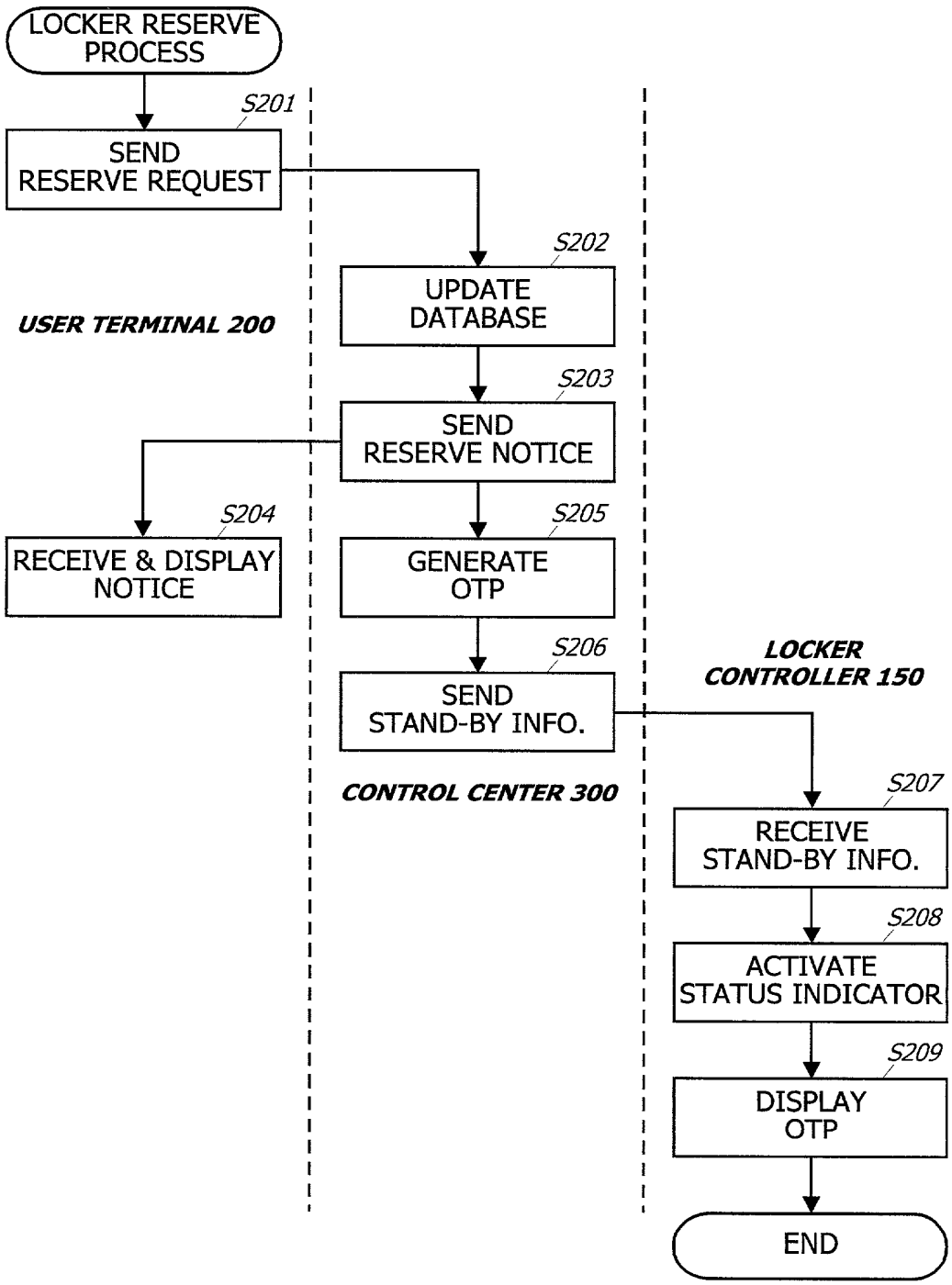

LOCKER RESERVE PROCESS
S201
SEND RESERVE REQUEST
S202
UPDATE DATABASE
USER TERMINAL 200
S203
SEND RESERVE NOTICE
S204
RECEIVE & DISPLAY NOTICE
S205
GENERATE OTP
S206
SEND STAND-BY INFO.
CONTROL CENTER 300
LOCKER CONTROLLER 150
S207
RECEIVE STAND-BY INFO.
S208
ACTIVATE STATUS INDICATOR
S209
DISPLAY OTP
END

FIG. 11

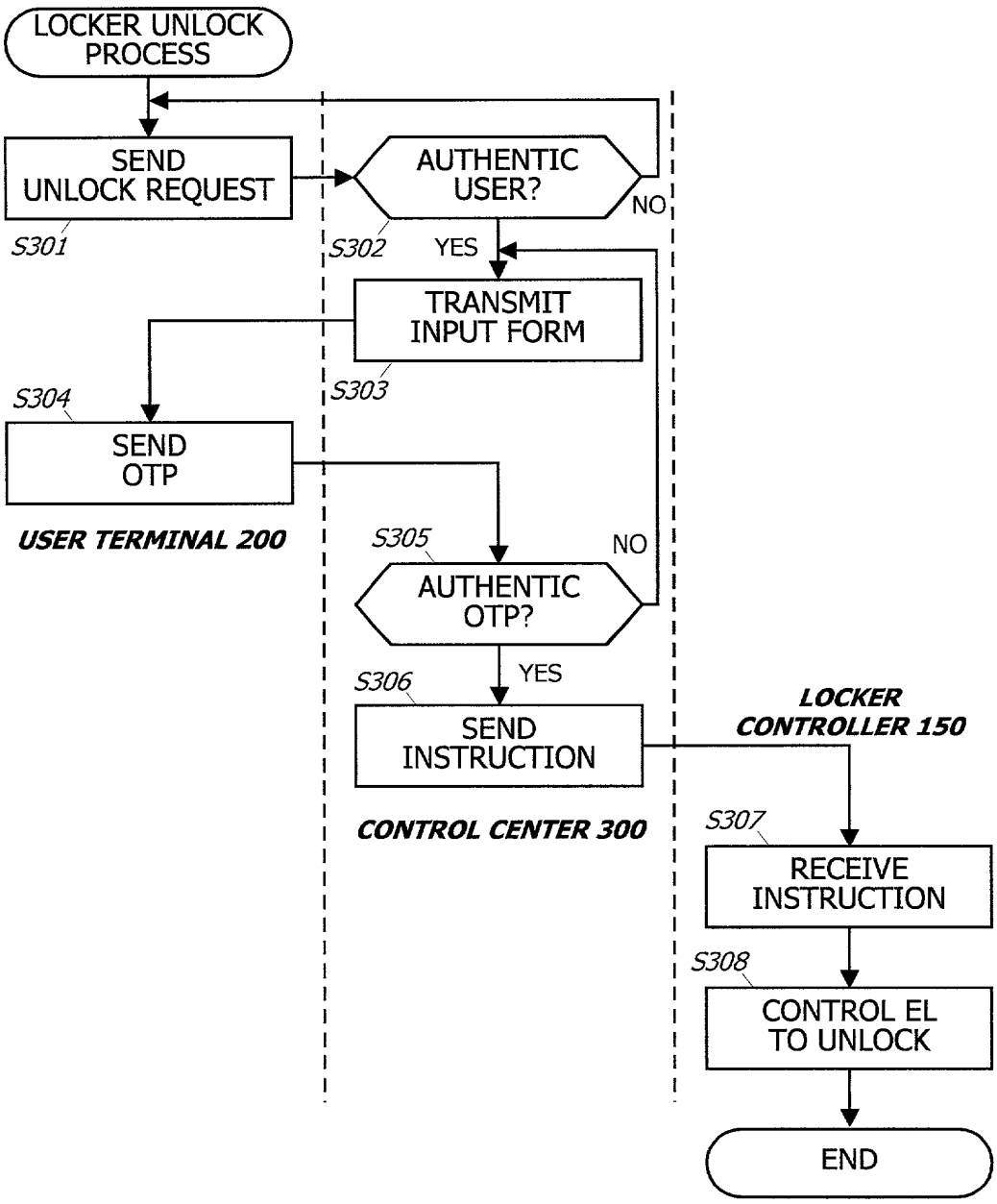

LOCKER UNLOCK PROCESS
SEND UNLOCK REQUEST
S301
AUTHENTIC USER?
S302
NO
YES
TRANSMIT INPUT FORM
S303
S304
SEND OTP
USER TERMINAL 200
S305
AUTHENTIC OTP?
NO
YES
S306
SEND INSTRUCTION
CONTROL CENTER 300
LOCKER CONTROLLER 150
S307
RECEIVE INSTRUCTION
S308
CONTROL EL TO UNLOCK
END

FIG. 12

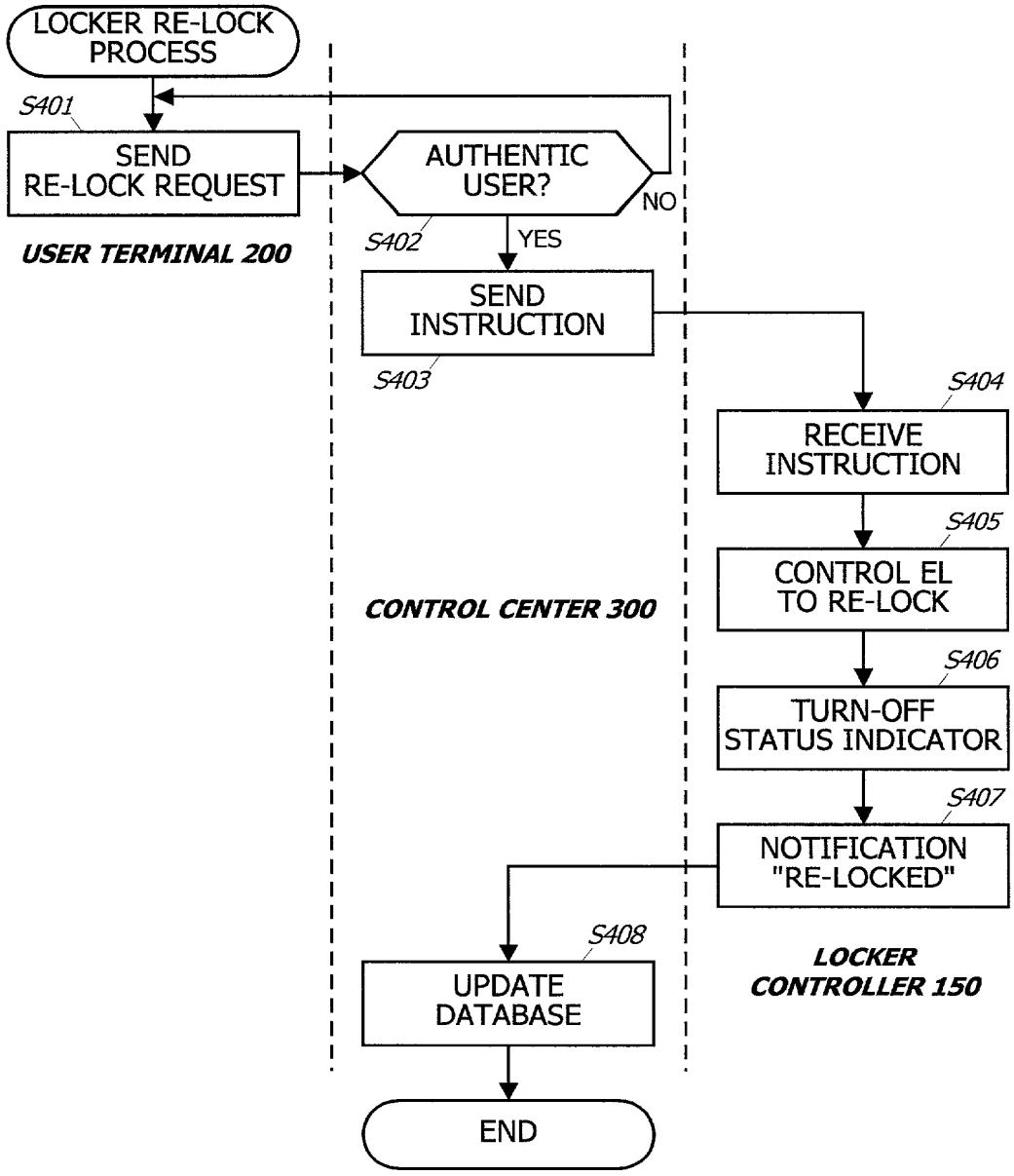


FIG. 13

Attorney Docket No. Q67776

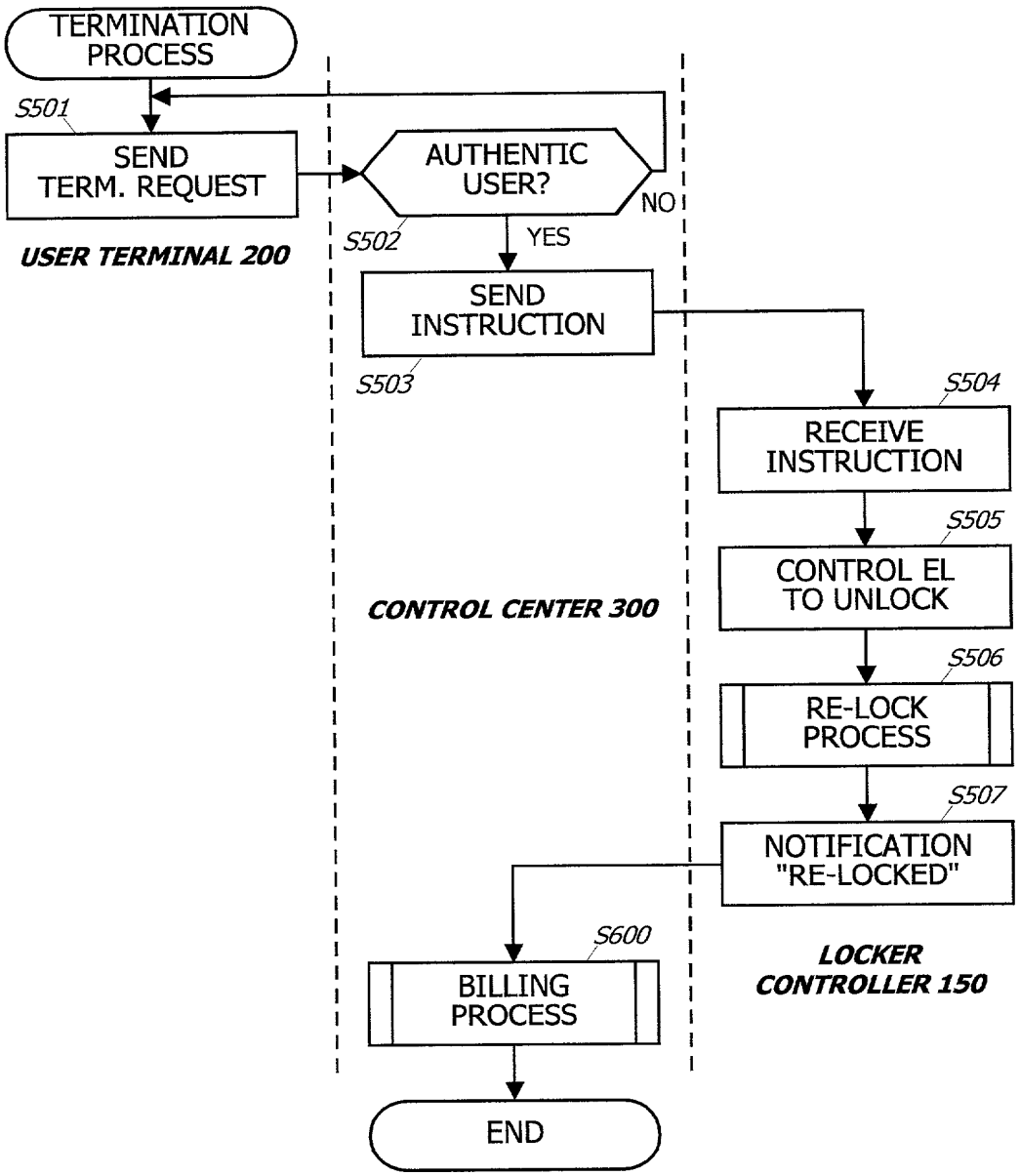


FIG. 14

1023894.1 - 1023894

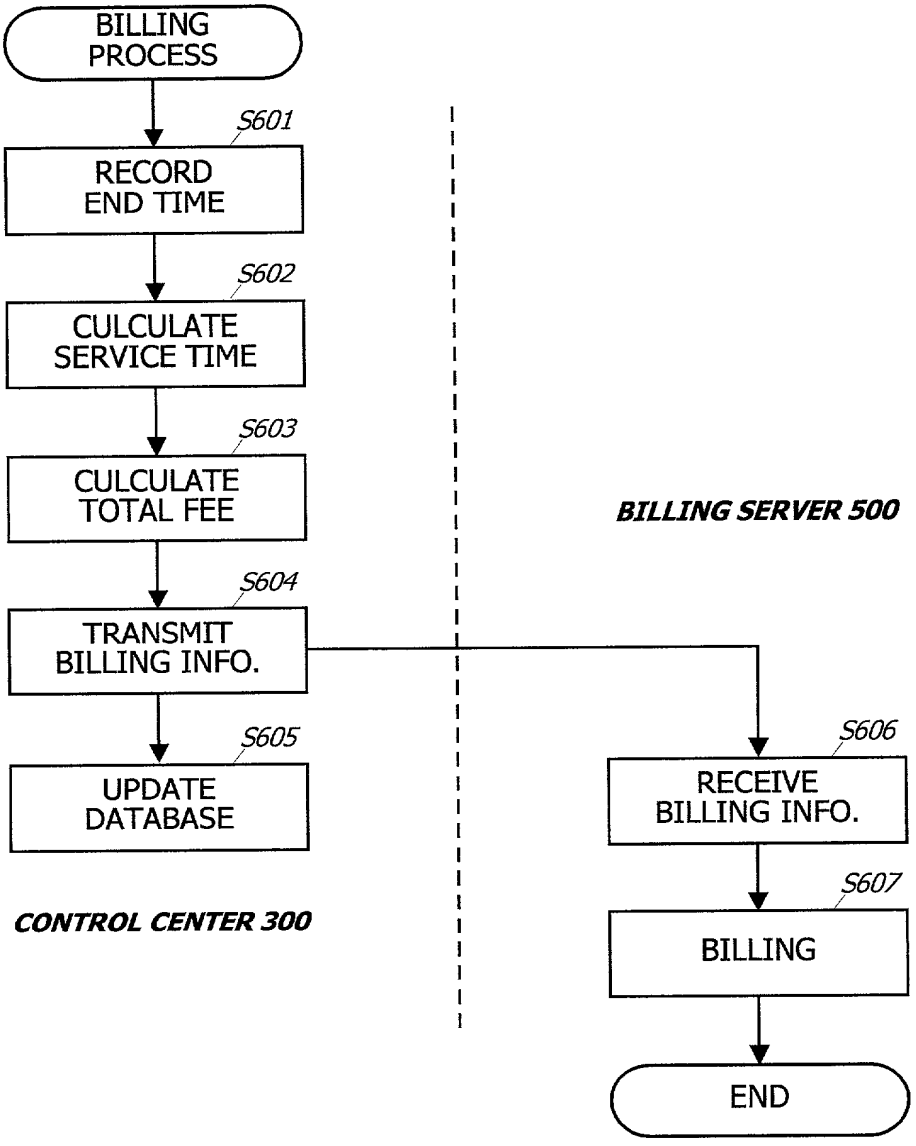

BILLING PROCESS
S601
RECORD END TIME
S602
CULCULATE SERVICE TIME
S603
CULCULATE TOTAL FEE
S604
TRANSMIT BILLING INFO.
S605
UPDATE DATABASE
CONTROL CENTER 300
BILLING SERVER 500
S606
RECEIVE BILLING INFO.
S607
BILLING
END

FIG. 15

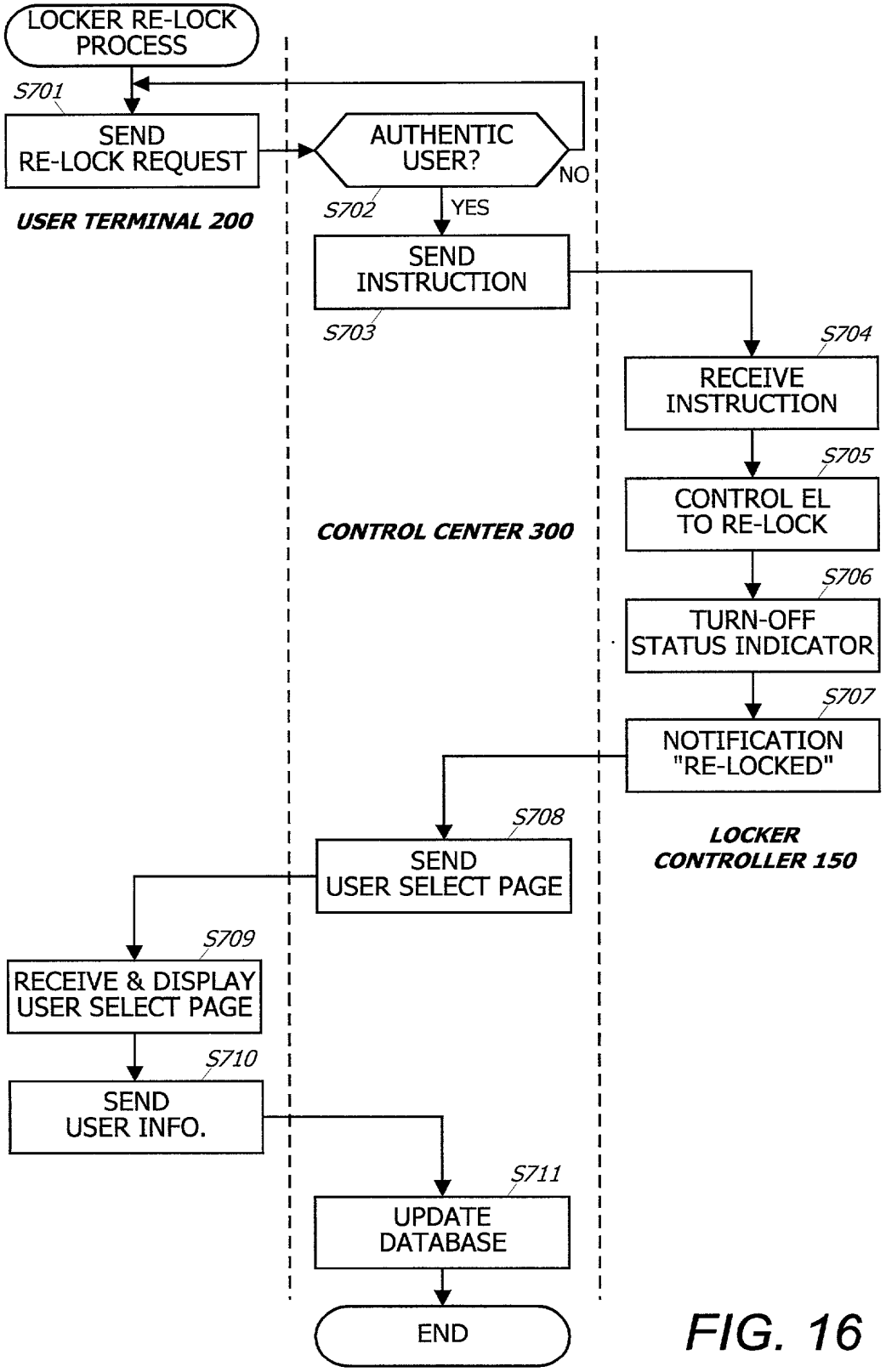


FIG. 16

Attorney Docket No. Q67776

JP020924

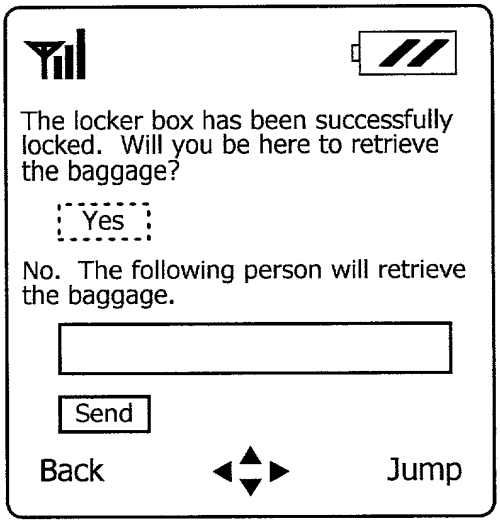


FIG. 17

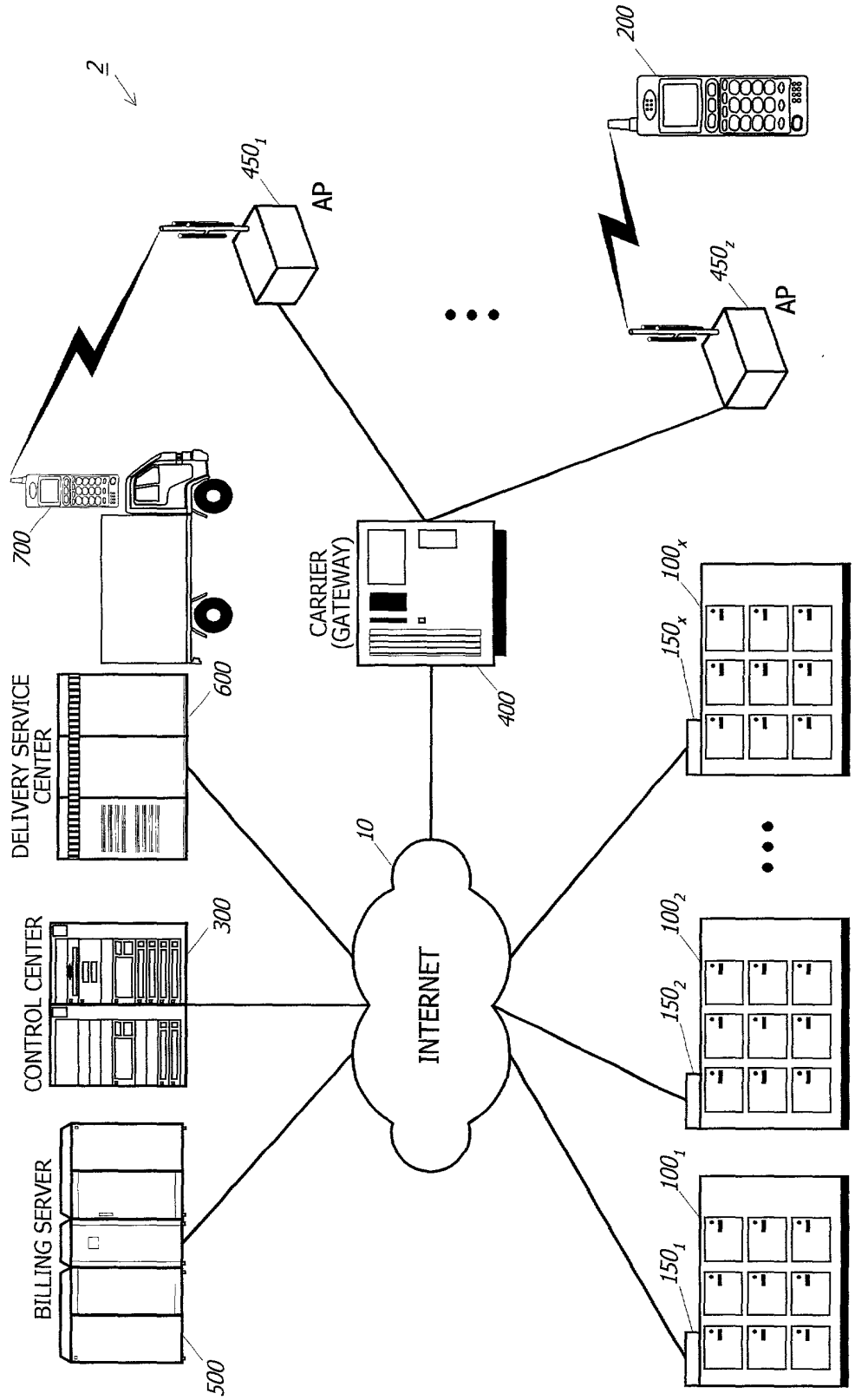


FIG. 18

Patent Application Publication

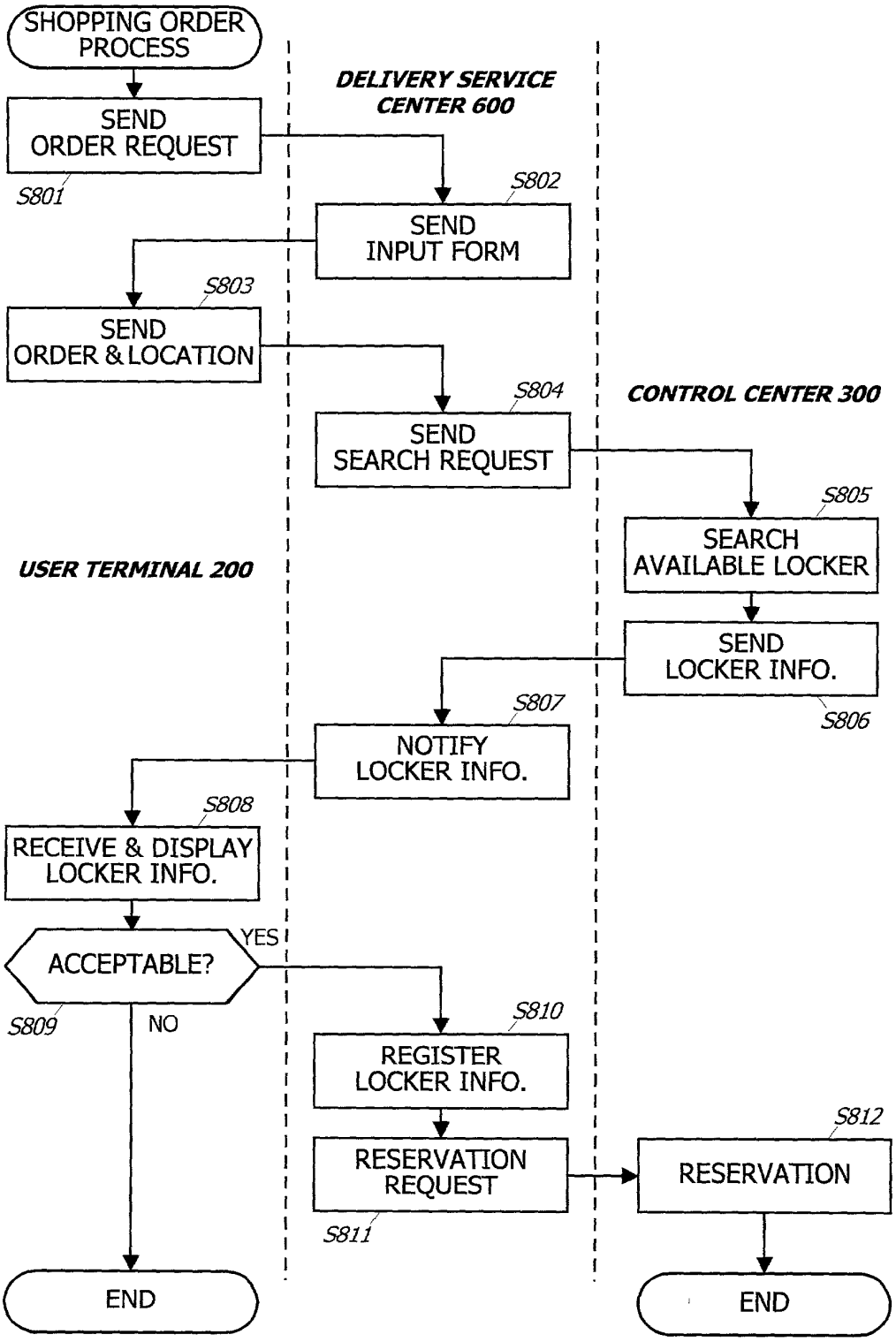


FIG. 19

FOIPP - 09/29/04

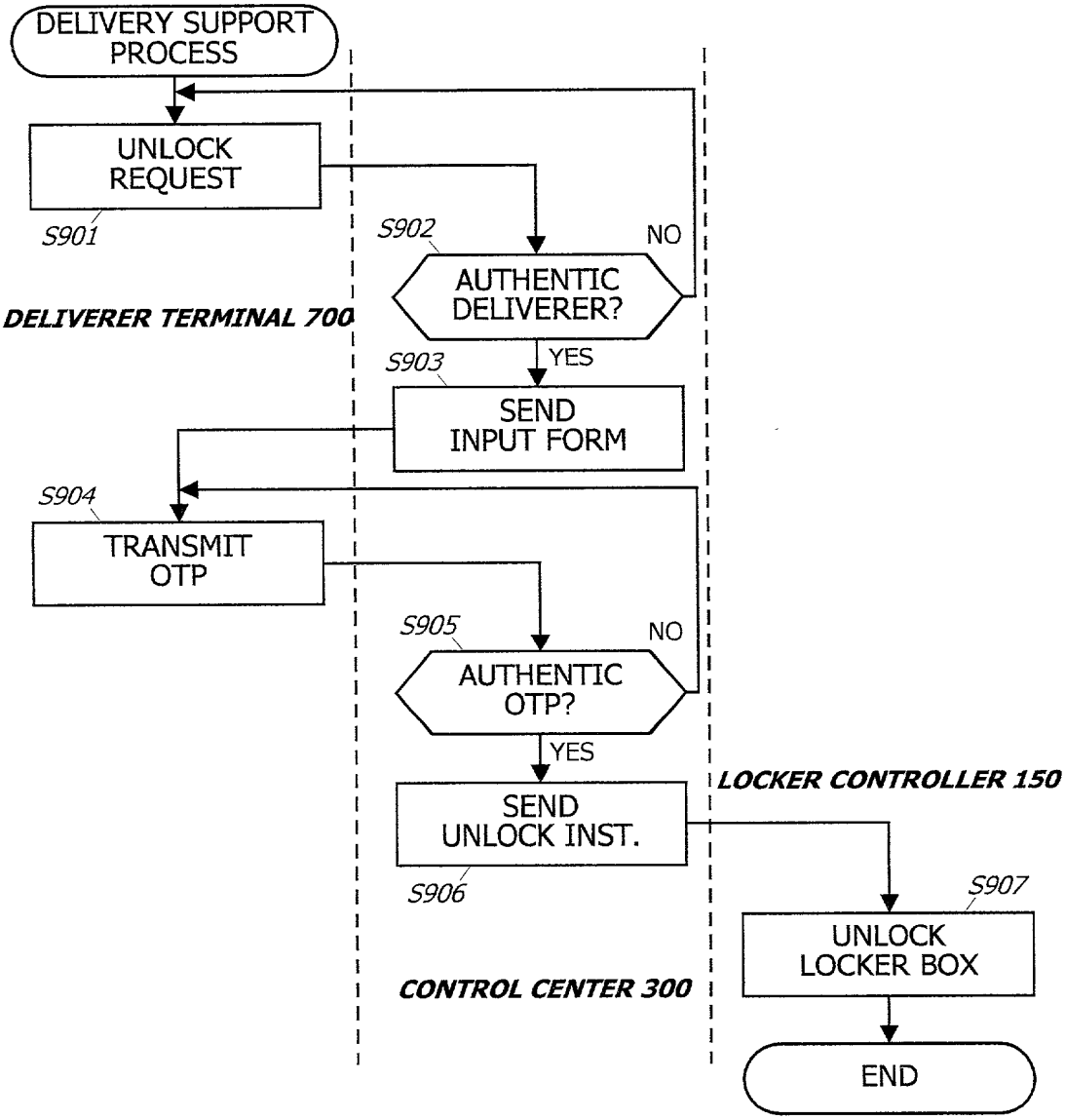


FIG. 20

patent-2002-0194

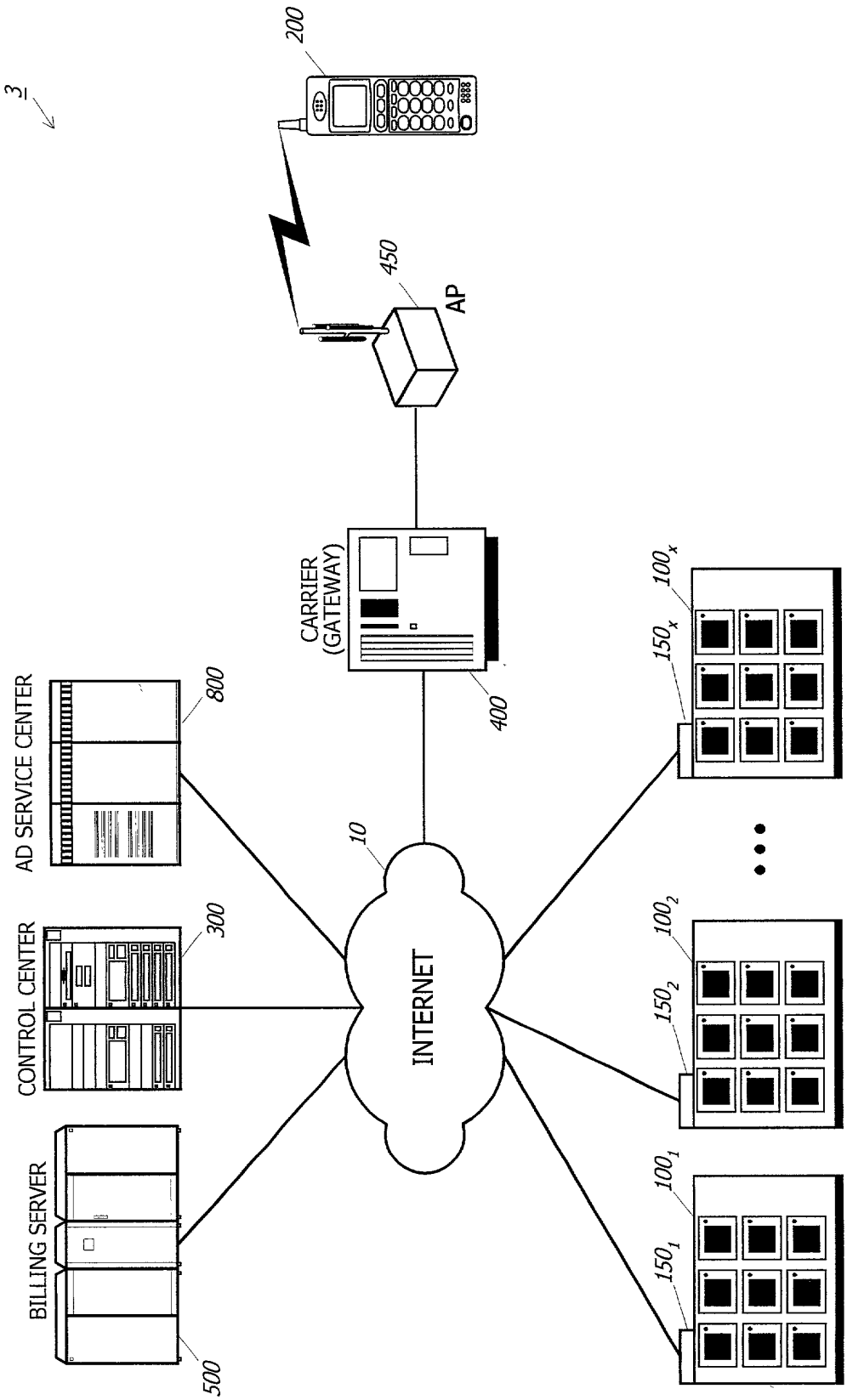

3
200
450
AP
CARRIER (GATEWAY)
400
10
INTERNET
800
AD SERVICE CENTER
300
CONTROL CENTER
BILLING SERVER
500
100x
150x
100₂
150₂
100₁
150₁

FIG. 21

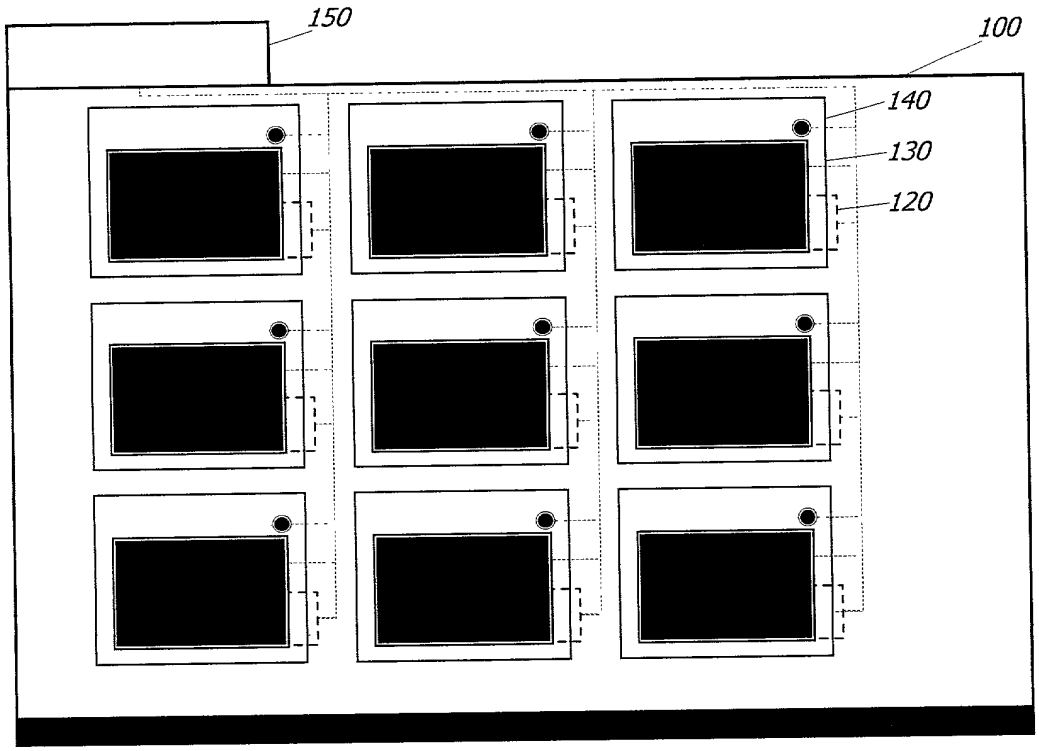


FIG. 22

Q67776 - 22/23

Q67776 - 10/026,803

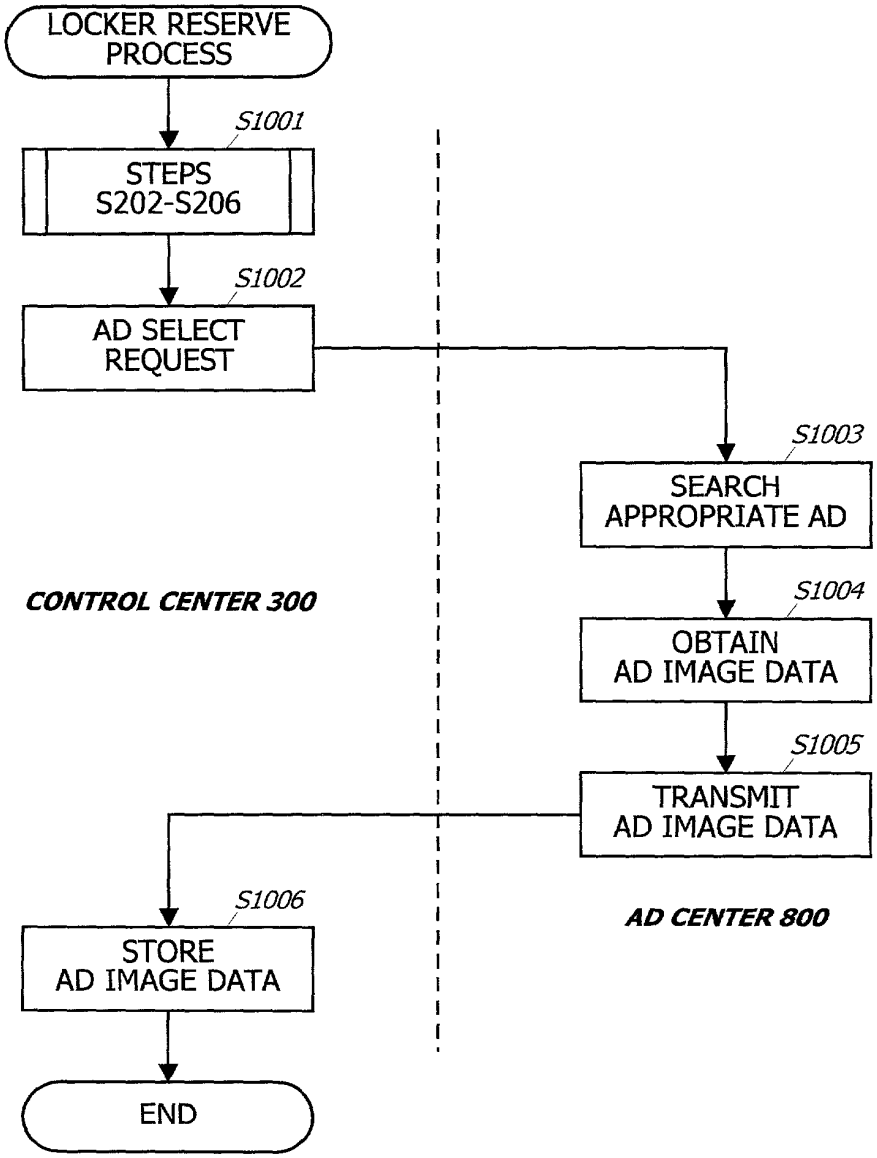


FIG. 23